ZKSoftware
The Advanced Biometric Solution

F701 INTERCOM ACCESS CONTROL TERMINAL

Adopting the most famous international double engine fingerprint identification algorithm Biokey VX8.0 so that the stability of the system enhanced 3.5 times than before.

High Security

Device with controller by RS232 communication to encrypt guarantee security.

High Reliability

Adopt high reliable industrial components and international standard sensor to reduce defect rate to zero, watching–dog monitoring which can avoid machine hang ,special reset function.

High Identifying Speed

Adopt world famous Biokey fingerprint algorithms and 32 bits Intel CPU, which can deal with 500 symmetrical distributing templates in one second. It is reliable, precise ,it has high EER as well.

Industrial Design

From antistatical design anti–PCB against lightning , to aseismatic, high temperature in rough environment adopt special components which match the industrial standard.

Easy to Instal

It' s quite easy to install and use, all cables, electronic lock controlling etc.are similar to traditional IC/ID card access control system. Besides, it has the multinational language which can prompt every step operation, you can even set up and manage without manual, which completely give up the complicatel operation for normal fingerprint equipment, and both its operation and application without on computer it can be set up and operated independently.
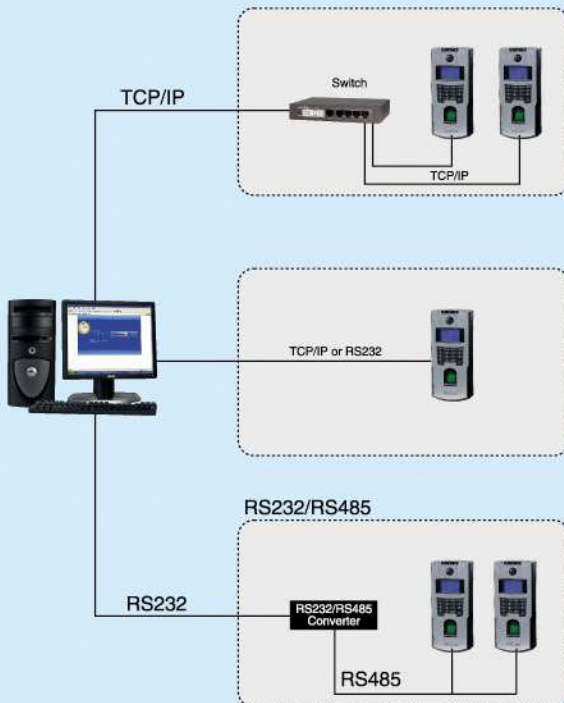
Application

The best product which can be applied in high security fields such as bank, army and computor room etc.
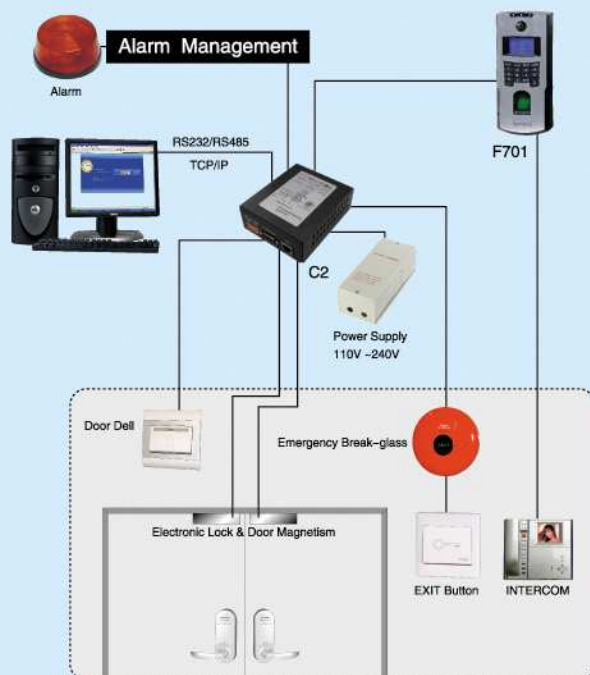
THE INTERNATIONAL HIGH SECURITY PRODUCT IS THE BEST ONE OF ALL ACCESS CONTROL DESIGNS IN THIS YEAR

Made by world famous company with high quality   All the specifications of the products mentioned here are subjected to the real objects.Besides, ZK is not responsible to notice in advance.

Net connection sketch Diagram

TCP/IP

Switch

TCP/IP

TCP/IP or RS232

RS232/RS485

RS232

RS232/RS485 Converter

RS485

Installation sketch Diagram

Alarm Management

Alarm

RS232/RS485
TCP/IP

F701

C2

Power Supply
110V ~240V

Door Dell

Emergency Break-glass

Electronic Lock & Door Magnetism

EXIT Button

INTERCOM

FEATURES

Industry's most accurate finger scan algorithm
Adopt world famous Biokey fingerprint algorithm and 32 bits Intel CPU, which can deal with 3000 sysmmetrical distributing templates in one second. It is reliable, and has high EER as well.

High Security
The three identify methods are fingerprint, password and ID, and 15kinds of identifying combination can be used freely. Standardly configured with ZK's professional C2 access controller, safe, reliable and can match in the mode of 1:1.

ACCESS CONTROL
50 Time Zone, 5 Grouping, 10 Combination, Holiday Management, support many fingerprints access.

Supports both standard and proprietary Wiegand formats,RS232, RS485 and Ethernet communications.

Integrated 128 x 64 Blue background light and numeric keypad

ZK software included free of charge, offers a simple approach to template management (enrollment, distribution)

Triple–gang or dry wall mounting

Available SDK for expanded functionality

Biometric verification schedules–Turn biometrics on/off based on time/day

User–defined access schedules

Stores 3000 templates on terminal (5groups, 600templates/group)

Identification option 1~600

Transaction capacity 50000/80000

TECHNICAL INFORMATION

DIMENSIONS: **COMMUNICATIONS:**

Length: 215mm   RS232

Width: 92mm   RS485

Depth: 42mm   Ethernet

TERMINAL BLOCK:

Wiegand, RS485, RS232, Power and Earth Ground

VERIFICATION(1:1)

Enrollment Time: <3 seconds   Verification Time: <1 seconds

(EER)Equal Error Rate(FAR=FRR): 0.1%   Adjustable FAR AND FRR

Number of Templates~3000 per unit   Template Size: ~350 bytes

IDENTIFICATION(1:n)

Enrollment Time : < 3 seconds   Identification Time : < 2 seconds

False Acceptance Rate(FAR) : 0.0001%   False Rejection Rate(FRR) : 0.01%

Number of Templates : optimized for 1500

Template Size: ~608 bytes

ELECTRO LOCK CONTROL Directness relay output 3A/12VDC

CURRENT DRAW

Idle: 0.50 amps@12 VDC   Max: 4.00 amps@12 VDC

OUTDOOR ENCLOSURE AVAILABLE: Call for information

OPERATING TEMPERATURE: 0 ℃~45 ℃

OPERATING HUMIDITY: 20%~80%

TECHNICAL SPECIFICATION OF THE VIDEO PHONE TECHNIQUE

Model: ZK7011   **Power supply:** 15VDC

Working current: 660MA **Casing:** aluminum alloy

Ring: chord

Video mode: 4" black and white / 4" colour TFT

Resolution ratio of the display: 960 × 234

Communication: handfree

The fixing way: mount on wall

The product size : 255 × 235 × 55mm

The fix size: 243 × 210 × 40mm

ZKSoftware Inc.